

# DRAFT AGENDA FOR GMI SCIENCE TEAM MEETING

*November 5-7, 2003 – University of California/Irvine*

## INTRODUCTORY COMMENTS:

As you will see, people at both NASA/GSFC and Livermore have been working very hard to implement the transition of the core work. Simulations are being carried out on several problems at the same time, and we expect this to continue/increase in the future. We also anticipate the incorporation of major new modules in the coming year. The team must also consider incorporation of new meteorological fields; the choice of these fields should be guided by what specific problems we want to address. The possibility of expanded user support for GMI team members brings up the question of the role of GMI in the future as both assessment and research tool. Finally, we also have important assessment deadlines coming up, mainly:

- IPCC 2007: My current understanding is that manuscripts should be submitted for publication by beginning of 2005 if they are to have an impact on the IPCC report.
- UEET “Final” assessment in 2006. This would again require a “frozen” model by beginning of 2005.

In view of the above, my anticipated goals for this meeting are:

1. Assess the progress of the transition of the core institution.
2. Report on the progress of different working groups.
3. Specific, “nuts and bolts” definition of ongoing and future problems to be carried out. In this regard, individual presenters and discussion in working groups should organize their thoughts along the following questions:
  - a. Specific scientific/assessment problem..
  - b. Which simulation results and diagnostics are required: do we have them, can we get them.
  - c. What input do we need for a specific problem (for example, meteorological fields, emission inventories...).
  - d. In case of a new module, what can of interface do we envision with GMI; what variables are needed from meteorological fields, others...
  - e. What is the expected time line, point person.
4. Continue exploration of GMI’s future contributions, IN ADDITION TO ASSESSMENT. Can GMI become a research tool? What would be needed for that?

I will be sending summaries and timelines, in preparation for the meeting, that may help you think about the above questions. Please contact me if you have any questions/comments.

NOTE: You will see several names listed under some working groups, along with issues that I think might be brought up. IT IS THE RESPONSIBILITY OF THE WORKING GROUP LEADER TO COORDINATE WITH THE MEMBERS WHETHER THEY ARE GOING TO SPEAK, AND HOW LONG THEY NEED. TOTAL TIME LISTED IN THE AGENDA SHOULD BE ADHERED TO.

See you in CA!

Jose

P.S. In putting together this agenda, I have tried to accommodate those of you who will be arriving late on Wednesday or on Thursday, and who have informed me of this. If there are any other conflicts, please let me know.

### **Wednesday, November 5**

<b>8:30 – 9:00 AM</b>	<b>Registration</b>	
<b>9:00 – 9:15 AM</b>	<b>Welcome/Goals Words of Wisdom from HQ</b>	<b>Rodriguez Anderson</b>
<b>9:15 – 10:00 AM</b>	<b>Report from “core” institution</b> <ul style="list-style-type: none"><li>- Personnel</li><li>- Milestones</li><li>- User support (sourcemotel)</li><li>- Data repository</li><li>- Web page</li><li>- Coding standards for new modules</li></ul>	<b>Strahan/Clune</b>
<b>10:00 – 10:30 AM</b>	<b>Summary of steering committee meeting; timelines</b>	<b>Rodriguez</b>
<b>10:30 – 10:45 AM</b>	<b>Break</b>	
<b>10:45 – 11:15 AM</b>	<b>Update on IPCC, UEET, upcoming scientific meetings</b>	<b>Rodriguez, others</b>
<b>11:15 – 12:00 N</b>	<b>Aerosol working group</b>	<b>Penner</b>
<b>12:00 – 12:30 PM</b>	<b>Wet scavenging issues</b>	<b>Considine, Rodriguez, etc.</b>
<b>12:30 – 1:30 PM</b>	<b>Lunch</b>	
<b>1:30 – 2:15 PM</b>	<b>Stratospheric working group</b> <ul style="list-style-type: none"><li>- Papers</li><li>- Hindcast</li></ul>	<b>Douglass, Connell Stolarski</b>
<b>2:15 – 2:30 PM</b>	<b>Mandates for afternoon working groups</b>	<b>Rodriguez</b>
<b>2:30 – 5:30 PM</b>	<b>Working groups</b>	
<b>5:30 PM</b>	<b>Adjourn</b>	

**Thursday, November 6**

<b>8:30 – 9:30 AM</b>	<b>Tropospheric working group</b> <b>- Full chemistry runs</b> <b>- Synthetic tracers</b> <b>- Diagnostics</b> <b>- Lightning</b>	<b>Logan, Rodriguez, Chatfield, Wang, Pickering</b>
<b>9:30 – 10:00 AM</b>	<b>Coupled stratospheric/ tropospheric model</b>	<b>Connell Considine</b>
<b>10:00 – 10:15 AM</b>	<b>Radiative forcing</b>	<b>Wuebbles</b>
<b>10:15 – 10:30 AM</b>	<b>Break</b>	
<b>10:30 – 10:45 AM</b>	<b>Numerical issues</b>	<b>Prather</b>
<b>10:45 – 11:00 AM</b>	<b>New working groups</b> <b>Mandate for working groups</b>	<b>Rodriguez</b>
<b>11:00 – 4:30 PM</b>	<b>Working groups</b>	
<b>4:30 – 5:00 PM</b>	<b>Discussion of policy on team members, user support</b>	<b>Rodriguez</b>
<b>5:00 PM</b>	<b>Adjourn</b>	

**Friday, November 7**

<b>8:30 – 10:00 AM</b>	<b>Summary from working groups</b>	
<b>10:00 – 10:30 AM</b>	<b>Long-term vision for GMI – Discussion</b>	<b>Rodriguez</b>
<b>10:30 – 12 N</b>	<b>Summary; Action Items; Next meetings</b>	<b>Rodriguez</b>